

**ASHFIELD**  
**Cancer Incidence by Sex, 1993 - 1997**  
**Expected and Observed Case Counts, with Standardized Incidence Ratios**

|  | <u>Exp</u> | <u>Obs</u> | <u>SIR</u> |                                       | <u>Exp</u> | <u>Obs</u> | <u>SIR</u> |
|--|------------|------------|------------|---------------------------------------|------------|------------|------------|
| <b><u>Bladder, Urinary</u></b>                       |            |            |            | <b><u>Melanoma of Skin</u></b>        |            |            |            |
| Male   | 1.30       | 3          | NC*        | Male                                  | 0.74       | 0          | NC*        |
| Female   | 0.37       | 0          | NC*        | Female                                | 0.51       | 3          | NC*        |
| Total  | 1.67       | 3          | NC*        | Total                                 | 1.24       | 3          | NC*        |
| <b><u>Brain and Other Central Nervous System</u></b> |            |            |            | <b><u>Multiple Myeloma</u></b>        |            |            |            |
| Male   | 0.39       | 0          | NC*        | Male                                  | 0.24       | 0          | NC*        |
| Female   | 0.30       | 0          | NC*        | Female                                | 0.17       | 0          | NC*        |
| Total  | 0.69       | 0          | NC*        | Total                                 | 0.41       | 0          | NC*        |
| <b><u>Breast</u></b>                                 |            |            |            | <b><u>Non-Hodgkin's Lymphoma</u></b>  |            |            |            |
| Male   | 0.08       | 0          | NC*        | Male                                  | 0.97       | 0          | NC*        |
| Female   | 6.40       | 10         | 156        | Female                                | 0.71       | 0          | NC*        |
| Total  | 6.49       | 10         | 154        | Total                                 | 1.68       | 0          | NC*        |
| <b><u>Cervix Uteri</u></b>                           |            |            |            | <b><u>Oral Cavity and Pharynx</u></b> |            |            |            |
| Female   | 0.42       | 1          | NC*        | Male                                  | 0.80       | 0          | NC*        |
|  |            |            |            | Female                                | 0.33       | 0          | NC*        |
|  |            |            |            | Total                                 | 1.12       | 0          | NC*        |
| <b><u>Colon / Rectum</u></b>                         |            |            |            | <b><u>Ovary</u></b>                   |            |            |            |
| Male   | 3.23       | 3          | NC*        | Female                                | 0.78       | 2          | NC*        |
| Female   | 2.35       | 3          | NC*        |                                       |            |            |            |
| Total  | 5.58       | 6          | 108        |                                       |            |            |            |
| <b><u>Esophagus</u></b>                              |            |            |            | <b><u>Pancreas</u></b>                |            |            |            |
| Male   | 0.45       | 1          | NC*        | Male                                  | 0.47       | 1          | NC*        |
| Female   | 0.12       | 1          | NC*        | Female                                | 0.39       | 0          | NC*        |
| Total  | 0.57       | 2          | NC*        | Total                                 | 0.87       | 1          | NC*        |
| <b><u>Hodgkin's Disease</u></b>                      |            |            |            | <b><u>Prostate</u></b>                |            |            |            |
| Male   | 0.18       | 0          | NC*        | Male                                  | 7.29       | 5          | 69         |
| Female   | 0.13       | 0          | NC*        |                                       |            |            |            |
| Total  | 0.31       | 0          | NC*        |                                       |            |            |            |
| <b><u>Kidney and Renal Pelvis</u></b>                |            |            |            | <b><u>Stomach</u></b>                 |            |            |            |
| Male   | 0.71       | 1          | NC*        | Male                                  | 0.56       | 0          | NC*        |
| Female   | 0.36       | 0          | NC*        | Female                                | 0.25       | 0          | NC*        |
| Total  | 1.07       | 1          | NC*        | Total                                 | 0.81       | 0          | NC*        |
| <b><u>Larynx</u></b>                                 |            |            |            | <b><u>Testis</u></b>                  |            |            |            |
| Male   | 0.42       | 0          | NC*        | Male                                  | 0.24       | 0          | NC*        |

|   |      |   |     |   |       |    |     |
|---|------|---|-----|---|-------|----|-----|
| Female  | 0.11 | 0 | NC* |   |       |    |     |
| Total   | 0.52 | 0 | NC* |   |       |    |     |
| <b><u>Leukemia</u></b>                          |      |   |     | <b><u>Thyroid</u></b>                       |       |    |     |
| Male  | 0.54 | 0 | NC* | Male  | 0.14  | 0  | NC* |
| Female  | 0.34 | 0 | NC* | Female                                      | 0.34  | 0  | NC* |
| Total   | 0.88 | 0 | NC* | Total                                       | 0.48  | 0  | NC* |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |      |   |     | <b><u>Uteri, Corpus and Uterus, NOS</u></b> |       |    |     |
| Male  | 0.24 | 0 | NC* |   |       |    |     |
| Female  | 0.08 | 0 | NC* | Female                                      | 1.23  | 0  | NC* |
| Total   | 0.32 | 0 | NC* |   |       |    |     |
| <b><u>Lung and Bronchus</u></b>                 |      |   |     | <b><u>All Sites / Types</u></b>             |       |    |     |
| Male  | 3.92 | 3 | NC* | Male  | 24.65 | 20 | 81  |
| Female  | 2.48 | 1 | NC* | Female                                      | 19.55 | 24 | 123 |
| Total   | 6.40 | 4 | NC* | Total                                       | 44.19 | 44 | 100 |

---

**Exp** = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

**Obs** = observed case count

**SIR** = standardized incidence ratio [ (**Obs** / **Exp**) X 100 ]

\* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

# indicates statistical significance at the  $p \leq 0.05$  level

~ indicates statistical significance at the  $p \leq 0.01$  level, as well as at the  $p \leq 0.05$  level

^ indicates statistical significance at the  $p \leq 0.001$  level, as well as at the  $p \leq 0.05$  and  $p \leq 0.01$  levels